There is more to food safety than meets the eye. Microbial testing solutions by EMD Millipore.
Fed up with the challenges of food safety? Simplify your processes with EMD Millipore’s innovative solutions.

At EMD Millipore, food safety goes far beyond the visible. It starts with listening to your challenges. Changing regulations, complex processes and delayed product releases can be daunting. But you can overcome them with EMD Millipore’s microbial food testing and environmental monitoring solutions.

With over 300 years of expertise, we offer knowledgable support in regulatory compliance to help you avoid risks and setbacks. What’s more, our innovative, high-quality products are designed to boost reliability and safety while reducing costs and complexity.

EMD Millipore's food safety solutions & regulatory expertise for:
• Simplified testing processes for indicator organisms
• Rapid and easy-to-use pathogen testing solutions
• Proven environmental monitoring solutions

www.emdmillipore.com/foodsafety
A long history of innovations and milestones

1668  Foundation of Merck Darmstadt

1885  First patent for dehydrated culture media

1950  Dust-free media granulation process developed

1955  First microbiology membrane patent

1970  Introduction of dry granulation process for enhanced properties of granules

1979  Introduction of first portable microbial air sampler: RCS™ Standard

1990s  Pioneer of chromogenic culture media

2000  Launch of MAS-100 Eco®, a specially designed air sampler for the food industry

2002  Launch of world’s first Lateral Flow Tests (Singlepath® Campylobacter, Duopath® Verotoxins (STEC))

2004  1st AOAC validation for Lateral Flow Tests of major pathogens

2007  Singlepath® L’mono: only available Lateral Flow Test for Listeria monocytogenes

2010  Merck KGaA acquires Millipore to form EMD Millipore, the name under which Merck Millipore operates in the U.S. and Canada

2011  Acquisition of heipha™ and Hycon®, the microbiology business from Biotest AG

In the pipeline

Singlepath® Direct Campy Poultry Kit for direct testing (without enrichment) of Campylobacter in poultry fecal material
Facilitate your process with our unique granulated culture media for indicator organism testing.

Indicator organism testing is fundamental in food safety. Unfortunately, it starts with a cumbersome process: Preparing culture media in small or large quantities from powder – which is not only difficult to handle and hard to dissolve – but also exposes you to airborne toxins and health risks. Nevertheless, indicator organism testing is impossible without culture media. So what choice do you have? EMD Millipore’s unique granulated culture media.

Unlike traditional powdered media, our dehydrated and granulated culture media are specially formulated to minimize dust formation, component separation and clumping – even under warm or humid conditions. This ensures greater solubility and homogeneity, which makes indicator organism testing significantly easier and more efficient.

Profit from the advantages of our granulated media:

- Meet the highest performance standards, as described by ISO 11133.
- Significantly reduce inhalation of hazardous media components.
- Benefit from a comprehensive portfolio of granulated media for the detection of total viable organisms, Coliforms & E. coli, yeast & moulds, Enterobacteriaceae, Staphylococcus aureus, and many more.
- In many cases, the unique granulation process allows the inclusion of supplements. Your advantage: no extra work and no extra costs for buying supplements separately.

Indicator organism testing? Piece of cake!

www.emdmillipore.com/indicator-organism
Developed by experts, designed for daily use. Smart pathogen testing solutions for more convenience.

We think three-dimensional when devising our pathogen testing products: Flexibility, ease-of-use and reliability are what we want you to experience in your daily routines. Spanning pre-enrichment, selective enrichment, sample preparation and detection, our solutions ensure accurate results in a minimum of time. Trust our certified products and regulatory expertise to give you peace of mind.

Benefit from our smart and convenient solutions to optimize your processes:

- **Unique dehydrated, granulated culture media**: Meeting the highest ISO performance standards, these premium media are compatible with our rapid food testing solutions for optimal results with minimal hands-on time. Our latest innovation are Readybag® preweighed and gamma-irradiated media pouches to speed up and simplify your pathogen testing routines.
- **Singlepath® and Duopath® immunological Lateral Flow Tests**: Simple one-step, pregnancy test like devices for clear presence/absence results within 20 minutes after sample enrichment and available for a broad range of pathogens, such as Salmonella, *Listeria spp.*, *L’mono*, *E. coli O157*, STEC, Campylobacter.
Our vision of a safer future: Comprehensive environmental monitoring solutions.

One source, unlimited reliability. A complete product range for your environmental monitoring needs.

Proven air monitoring solutions
EMD Millipore offers a complete range of air monitoring systems for ambient air and compressed gas monitoring. These are completed with high quality agar media to help you accurately determine the air quality in your production facility. Our air monitoring solutions are easy to use and fully compliant with international standards. They allow highly reproducible determination of the total count of airborne bacteria, yeast and molds. In addition we are pleased to offer an array of affiliated services for your instruments, including validation, calibration and repair.

Get the most accurate sample solutions available:
- RCS™ air samplers:
  Complete solution with standardized, individually wrapped media strips
- MAS-100® air samplers:
  Flexible use and compatibility with any standard media plate

www.emdmillipore.com/environmental-monitoring
On-the-spot surface monitoring
Our easy-to-use surface monitoring solution delivers direct results and objective answers. This helps you detect contamination at an early stage, thus ensuring the safety of your production plant.

Keep production plants clean and minimize the risk of contamination:
• HY-LITE® 2 ATP Rapid Detection System for instant, on-the-spot monitoring, based on quantitative detection of ATP in biological residues.
We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.